

Refine Search

Search Results -

Terms	Documents
L7	0

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L14

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Thursday, August 31, 2006

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[Printable Copy](#)

[Create Case](#)

<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
	DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
L14	("6792916")[URPN]	0	L14
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		
L13	L7	1	L13
	DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
L12	(6422203 6209522)! [PN]	2	L12
L11	("6792916")[PN]	1	L11
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		
L10	L7	1	L10
	DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
L9	("6792916")[URPN]	0	L9
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES;		

Best Available Copy

OP=OR

L8 L7

1 L8

DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

L7 6792916.pn.

1 L7

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES;
OP=OR

L6 L5 and (vehic\$ or car\$ or automobile)

5 L6

L5 L4 and ((modulat\$ or chang\$ or edit\$ or var\$) near2 frequenc\$)

11 L5

L4 l2 or L3

121 L4

L3 "electromagnetic valve" and (clock with frequenc\$) and (pwm or pulse\$)
and @pd<=20030206

116 L3

L2 L1

116 L2

DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

L1 "electromagnetic valve" and (clock with frequenc\$) and (pwm or pulse\$)
and @ad<=20030206

116 L1

END OF SEARCH HISTORY

Available Copy

Hit List

First Hit

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 6422203 B1

L12: Entry 1 of 2

File: USPT

Jul 23, 2002

US-PAT-NO: 6422203

DOCUMENT-IDENTIFIER: US 6422203 B1

TITLE: Variable output pump for gasoline direct injection

Full	Title	Location	Front	Review	Classification	Date	Reference	Abstract	Claims	Photo	Drawings
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☐ 2. Document ID: US 6209522 B1

L12: Entry 2 of 2

File: USPT

Apr 3, 2001

US-PAT-NO: 6209522

DOCUMENT-IDENTIFIER: US 6209522 B1

TITLE: Variable delivery fuel supply device

Full	Title	Location	Front	Review	Classification	Date	Reference	Abstract	Claims	Photo	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	----------	--------	-------	----------

Clear

Generate Collection

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Fwd Refs

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Generate OACS

Terms

Documents

L7

2

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Hit List

First Hit

Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 10 of 11 returned.

☐ 1. Document ID: US 6732217 B1

L5: Entry 1 of 11

File: USPT

May 4, 2004

US-PAT-NO: 6732217

DOCUMENT-IDENTIFIER: US 6732217 B1

TITLE: Control and supervisory signal transmission system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Pub	Draw
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☐ 2. Document ID: US 6619613 B1

L5: Entry 2 of 11

File: USPT

Sep 16, 2003

US-PAT-NO: 6619613

DOCUMENT-IDENTIFIER: US 6619613 B1

**** See image for Certificate of Correction ****

TITLE: Gas flow rate controller and gas appliance using the same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Pub	Draw
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☐ 3. Document ID: US 6294905 B1

L5: Entry 3 of 11

File: USPT

Sep 25, 2001

US-PAT-NO: 6294905

DOCUMENT-IDENTIFIER: US 6294905 B1

**** See image for Certificate of Correction ****

TITLE: Method and circuit for controlling current in an inductive load

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Pub	Draw
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☐ 4. Document ID: US 5787132 A

L5: Entry 4 of 11

File: USPT

Jul 28, 1998

US-PAT-NO: 5787132

DOCUMENT-IDENTIFIER: US 5787132 A

TITLE: Data communication system having improved synchronization capability

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Publ	Drawings
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☐ 5. Document ID: US 5117795 A

L5: Entry 5 of 11

File: USPT

Jun 2, 1992

US-PAT-NO: 5117795

DOCUMENT-IDENTIFIER: US 5117795 A

TITLE: Air-fuel mixture supply apparatus for internal combustion engine

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Publ	Drawings
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☐ 6. Document ID: US 4962648 A

L5: Entry 6 of 11

File: USPT

Oct 16, 1990

US-PAT-NO: 4962648

DOCUMENT-IDENTIFIER: US 4962648 A

TITLE: Refrigeration apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Publ	Drawings
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☐ 7. Document ID: US 4603550 A

L5: Entry 7 of 11

File: USPT

Aug 5, 1986

US-PAT-NO: 4603550

DOCUMENT-IDENTIFIER: US 4603550 A

TITLE: Exhaust particle removing system for an internal combustion engine

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Publ	Drawings
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☐ 8. Document ID: US 4282842 A

L5: Entry 8 of 11

File: USPT

Aug 11, 1981

US-PAT-NO: 4282842

DOCUMENT-IDENTIFIER: US 4282842 A

TITLE: Fuel supply control system for internal combustion engine

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Drawings
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☐ 9. Document ID: US 4279230 A

L5: Entry 9 of 11

File: USPT

Jul 21, 1981

US-PAT-NO: 4279230

DOCUMENT-IDENTIFIER: US 4279230 A

TITLE: Fuel control systems for internal combustion engines

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Drawings
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☐ 10. Document ID: US 4121547 A

L5: Entry 10 of 11

File: USPT

Oct 24, 1978

US-PAT-NO: 4121547

DOCUMENT-IDENTIFIER: US 4121547 A

TITLE: Closed loop air-fuel ratio control system for use with internal combustion engine

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Drawings
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
L4 and ((modulat\$ or chang\$ or edit\$ or var\$) near2 frequenc\$)	11

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Clear

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Fwd Refs

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Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 5787132 A

L6: Entry 1 of 5

File: USPT

Jul 28, 1998

US-PAT-NO: 5787132

DOCUMENT-IDENTIFIER: US 5787132 A

TITLE: Data communication system having improved synchronization capability

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Index	Drawings
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☐ 2. Document ID: US 5117795 A

L6: Entry 2 of 5

File: USPT

Jun 2, 1992

US-PAT-NO: 5117795

DOCUMENT-IDENTIFIER: US 5117795 A

TITLE: Air-fuel mixture supply apparatus for internal combustion engine

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Index	Drawings
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☐ 3. Document ID: US 4282842 A

L6: Entry 3 of 5

File: USPT

Aug 11, 1981

US-PAT-NO: 4282842

DOCUMENT-IDENTIFIER: US 4282842 A

TITLE: Fuel supply control system for internal combustion engine

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Index	Drawings
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☐ 4. Document ID: US 4279230 A

L6: Entry 4 of 5

File: USPT

Jul 21, 1981

US-PAT-NO: 4279230
DOCUMENT-IDENTIFIER: US 4279230 A

TITLE: Fuel control systems for internal combustion engines

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Summary	Claims	Index	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	----------	---------	--------	-------	----------

☐ 5. Document ID: US 4121547 A

L6: Entry 5 of 5

File: USPT

Oct 24, 1978

US-PAT-NO: 4121547
DOCUMENT-IDENTIFIER: US 4121547 A

TITLE: Closed loop air-fuel ratio control system for use with internal combustion engine

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Summary	Claims	Index	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	----------	---------	--------	-------	----------

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
L5 and (vehic\$ or car\$ or automobile)	5

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First Hit

Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 11 through 11 of 11 returned.

☐ 11. Document ID: US 3909601 A

L5: Entry 11 of 11

File: USPT

Sep 30, 1975

US-PAT-NO: 3909601

DOCUMENT-IDENTIFIER: US 3909601 A

TITLE: Digital type electronic control system

Full	Title	Origin	Front	Review	Classification	Date	Reference	Claims	Publ	Draw
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
L4 and ((modulat\$ or chang\$ or edit\$ or var\$) near2 frequenc\$)	11

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((SPEC/probe AND SPEC/beacon) AND ((SPEC/automobile OR SPEC/car) OR SPEC/vehicle)) AND SPEC/road): 33 patents.

Hits 1 through 33 out of 33

Jump To:	<input type="text"/>
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Refine Search	SPEC/probe AND SPEC/beacon and
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PAT. NO.	Title
1 7,085,637	T Method and system for controlling a vehicle
2 7,075,427	T Traffic warning system
3 6,970,783	T Vehicle information system
4 6,968,272	T Vehicle information system
5 6,965,816	T PFN/TRAC system FAA upgrades for accountable remote and robotics control to stop the unauthorized use of aircraft and to improve equipment management and public safety in transportation
6 6,913,926	T Method of regulating biological activity of pituitary tumor transforming gene (PTTG)1 using PTTG2
7 6,909,398	T Vehicle information system
8 6,812,888	T Driver information system
9 6,804,602	T Incident-aware vehicular sensors for intelligent transportation systems
10 6,784,832	T Vehicle information system
11 6,757,068	T Self-referenced tracking
12 6,721,650	T Method of presuming traffic conditions by using floating car data and system for presuming and presenting traffic conditions by using floating data
13 6,708,085	T Probe car control method and traffic control system
14 6,707,421	T Driver information system
15 6,680,694	T Vehicle information system
16 6,664,924	T Vehicle information system
17 6,655,631	T Personal hoverplane with four tiltmotors
18 6,639,550	T Vehicle information system

- 19 6,628,233  Vehicle information system
- 20 6,621,452  Vehicle information system
- 21 6,603,406  Method and apparatus for detecting and responding to an absence of journey-related information
- 22 6,546,330  Method of presuming traffic conditions by using floating car data and system for presuming and presenting traffic conditions by using floating data
- 23 6,490,519  Traffic monitoring system and methods for traffic monitoring and route guidance useful therewith
- 24 6,385,539  Method and system for autonomously developing or augmenting geographical databases by mining uncoordinated probe data
- 25 6,334,086  Method and apparatus for collecting traffic information
- 26 6,333,703  Automated traffic mapping using sampling and analysis
- 27 6,211,798  Process and guidance system for ensuring reliable guidance of a vehicle
- 28 6,150,961  Automated traffic mapping
- 29 6,034,643  Directional beam antenna device and directional beam controlling apparatus
- 30 5,945,948  Method and apparatus for location finding in a communication system
- 31 5,208,750  Control System for unmanned automotive vehicle
- 32 5,081,585  Control system for autonomous automotive vehicle or the like
- 33 4,357,593  Guidance system for individual traffic

(((ACLM/probe AND ACLM/beacon) AND ((SPEC/automobile OR SPEC/car) OR SPEC/vehicle)) AND SPEC/road): 2 patents.

PAT. NO. Title

- 1 6,334,086  Method and apparatus for collecting traffic information
- 2 4,357,593  Guidance system for individual traffic